

Amendments to the Claims: This listing of claims will replace all prior versions, and listings, of claims in the application

Listing of Claims:

1. (Currently Amended) A reforming catalyst comprising precious metal particles dispersed on a support material, wherein the support material comprises ceria, and ~~characterised in that the support material further comprises magnesium aluminate.~~
2. (Original) A reforming catalyst according to claim 1, wherein the support material further comprises magnesium oxide.
3. (Original) A reforming catalyst according to claim 2, wherein the molar ratio of magnesium aluminate to magnesium oxide is between 15:1 and 1:15.
4. (Currently Amended) A reforming catalyst according to ~~any preceding claim 1~~, wherein the support material contains at least 20wt% magnesium aluminate or at least 20wt% magnesium aluminate and magnesium oxide, based on the weight of the support material.
5. (Currently Amended) A reforming catalyst according to ~~any preceding claim 1~~, wherein the support material is made by a process wherein aluminium magnesium hydroxycarbonate is calcined to form a mixture of magnesium oxide and magnesium aluminate.
6. (Currently Amended) A reforming catalyst according to ~~any preceding claim 1~~, wherein the support material further comprises zirconia.
7. (Currently Amended) A reforming catalyst according to ~~any preceding claim 1~~, wherein the support material further comprises iron oxide ~~or chromium oxide.~~
8. (Currently Amended) A reforming catalyst according to ~~any one of claims 1 to 6,~~ wherein the support material further comprises chromium oxide.
9. (Currently Amended) A reforming catalyst according to ~~any preceding claim 1;~~ wherein the support material comprises ceria ~~and optionally zirconia, iron oxide or chromium oxide~~

dispersed on the surface of magnesium aluminate or a mixed magnesium aluminate/magnesium oxide material.

10. (Currently Amended) A reforming catalyst according to ~~any preceding claim 1~~, wherein the support material comprises ceria and chromium oxide dispersed on the surface of magnesium aluminate or a mixed magnesium aluminate/magnesium oxide material.

11. (Currently Amended) A reforming catalyst according to ~~any preceding claim 1~~, wherein the support material consists essentially of ceria and chromium oxide dispersed on the surface of magnesium aluminate or a mixed magnesium aluminate/magnesium oxide material.

12. (Currently Amended) A reforming catalyst according to ~~any preceding claim 1~~, wherein the precious metal particles-suitably comprise are selected from the group consisting of rhodium, ruthenium-~~or~~ and platinum.

13. (Currently Amended) A catalysed component comprising a reforming catalyst according to ~~any one of claims 1 to 12~~ deposited on a substrate.

14. (Currently Amended) A process for reforming fuel ~~using a catalysed component according claim 13~~, comprising a step of supplying fuel, ~~and steam and optionally air to the a~~ catalysed component comprising a reforming catalyst comprising precious metal particles dispersed on a support material, wherein the support material comprises ceria and magnesium aluminate.

15. (Currently Amended) A process for reforming fuel ~~using a catalyst according to any one of claims 1 to 12~~, comprising a step of supplying fuel, ~~and steam and optionally air to the a~~ catalyst comprising precious metal particles dispersed on a support material, wherein the support material comprises ceria and magnesium aluminate.

16. (Currently Amended) A fuel processing system comprising a catalysed component according to claim 13.

17. (Currently Amended) A fuel processing system comprising a catalyst according to ~~any one of claims 1 to 12~~.

18. (New) A process according to claim 14, wherein the supplying step further comprises supplying air, along with the fuel and steam, to the catalysed component.
19. (New) A process according to claim 15, wherein the supplying step further comprises supplying air, along with the fuel and steam, to the catalyst.
20. (New) A reforming catalyst according to claim 9, wherein the support material further comprises at least one of zirconia, iron oxide or chromium oxide dispersed, along with the ceria, on the surface of magnesium aluminate or a mixed magnesium aluminate/magnesium oxide material.

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